

www.cakraindofluida.co.id

COMPANY PROFILE



**PT. CAKRA INDO FLUIDA
CV. CAKRA FLUIDA**



PT. CAKRA INDO FLUIDA
ENGINEERING-PROCUREMENT-CONSTRUCTION

Our clients



meiji

Sasa®

wilmar

JeBeKOKO

Cargill®

PG PETROKIMIA GRESIK

Best

Infion
PHARMACEUTICAL COMPANY

SEMENTEN
INDONESIA
PT Semen Indonesia (Persero) Tbk.



SOLVAY
PT. SOLVAY MANYAR
Surfactant Industry

NYLEX



PT. INDO ACIDATAMA Tbk.

PT. DRUPADI TIRTA GRESIK
adaro
WATER



SMB
PT. SURABAYA MEKABOX

Henkel



Petrokimia Kayaku



PETROSIDA GRESIK



PT. OMYA INDONESIA

TPC
INDO



hakiki donarta
The Essence of Life



PT Sorini Towa Berlian Corporindo

mig



PT LAUTAN NATURAL KIMBERENDO

MS
PT. MATAHARI SAKTI
Aquafed and Pet Food Manufacturer

KTM
PT. KEBUN TEBU MAS



About Company

Starting as a supplier due fluida handling, CV. Cakra Fluida which later was renamed to PT. Cakra Indo Fluida become a manufacturing company to fulfill industries need. With good skill and experience team, we accommodate our cutomer need.



As times goes by our company has developed more, CV. Cakra Fluida has been taking care of Mechanical Supplier and PT. Cakra Fluida in Contractor sector, that has been taking care of Engineering Procurement and Construction Services.

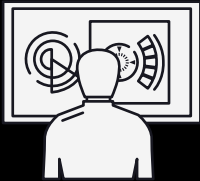
Vision & Mission

Satisfaction of customer becomes most considerable commitment CV. Cakra Fluida and PT. Cakra Indo Fluida

OUR SERVICES

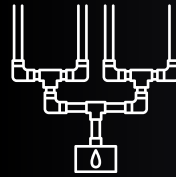


With the support of experts, skills, ability and performance of our team. We hope to gain the trust of our customers to serve:



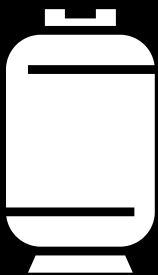
Engineering Work

- Surveyor Team
- Design & Calculation
- Drawing (P&ID, Isometric, General, As Built, etc)



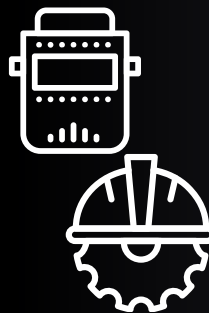
Piping Work

- Pipe Line (SS, CS, Sanitary, Galvanish, etc)
- Piping Hydrant, Steam, H₂, Double Jacketing Pipe, etc



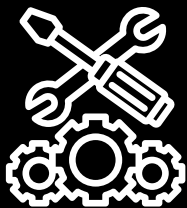
Equipment & Tank

- Storage Tank
- Pressure Vessel
- Mixer Agitator Tank
- Chiler Tank
- Jacketing Tank
- Hopper, Cyclone, Chimney
- MDR & Certification Disnaker



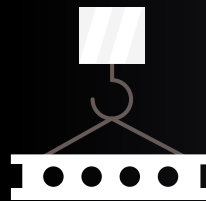
Fabrication & Assembly

- Bending Roll Plate & Pipe Coil
- Fabrication Ballfront Head
- Fabrication Fitting & Ducting
- Fabrication Screw Conveyor
- Scaffolding Work
- Handling & Assembly Equipment
- etc



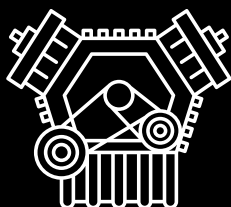
Maintenance Service

- Maintenance Work
- Modification Equipment
- Overhaul & Retubing Boiler
- TA / Shut Down Plant



Construction

- Steel Structure
- Pipe Rack & Support Gantry
- Platform Work
- Civil & Foundation
- etc



Procurement & Supplier Services

- Pump
- Gearbox & Motor
- Valve
- Plate
- Pipe & Fitting
- Sparepart & Accessories



Our Experience

Pressure Vessel & Tank



Piping Work

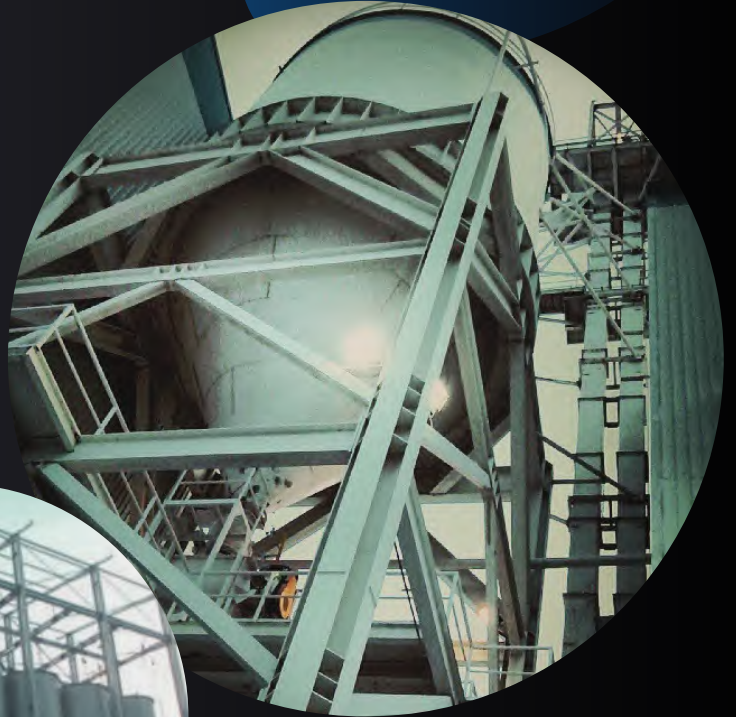


Steel Structure



Our Experience

Erection



Fabrication



The Profesionalism

As a company that taking care services, we have become a company that has high professionalism to provide our clients with services that are satisfied with the working results we do. We have established very large and extensive cooperation with several well-known companies as well as pioneers who will sell their respective company products and services. We always work according to what they want to achieve and also by the vision and mission of the our company



How to Contact Us



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CV. CAKRA FLUIDA
FLUID HANDLING SOLUTION

Procurement & Supplier Services

Mechanical Seal



Pipe & Fitting



Pump & Motor



Valve



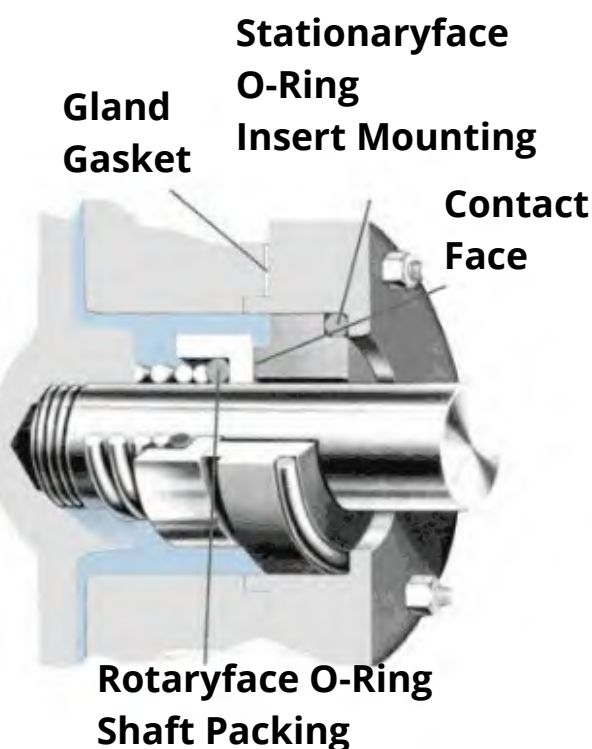
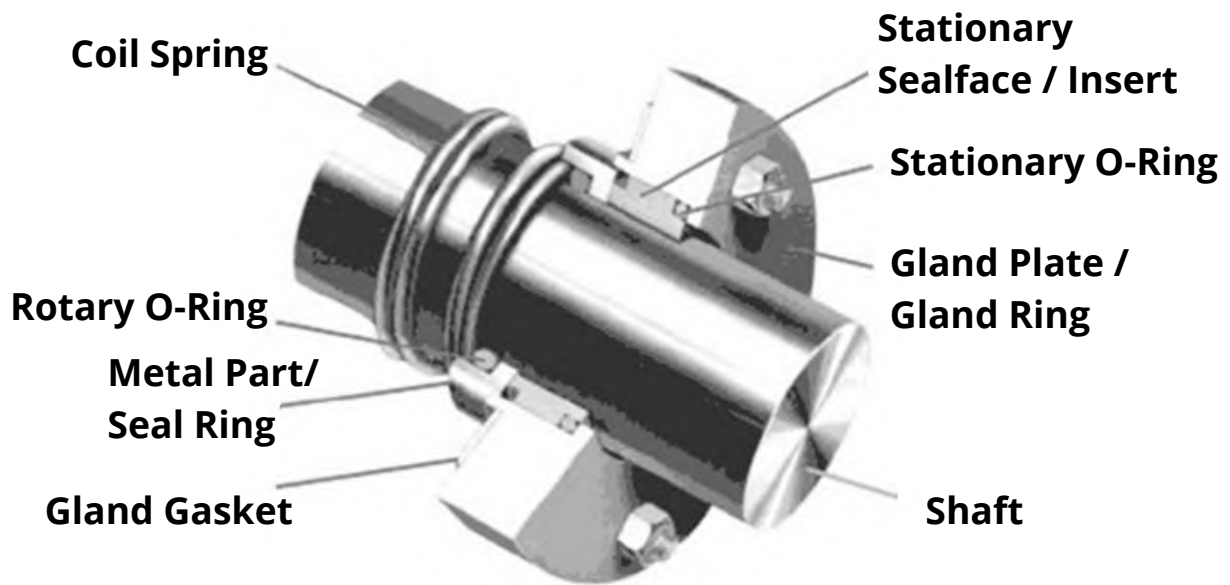
Mechanical Seal

Basic of fluid pump sealing

A Mechanical Seal is simply a method of containing fluid within a vessel (typically pump, mixer, etc). Where a rotating shaft passes through a stationary housing of occasionally, where the housing rotates around the shaft.



Mechanical Seal Components

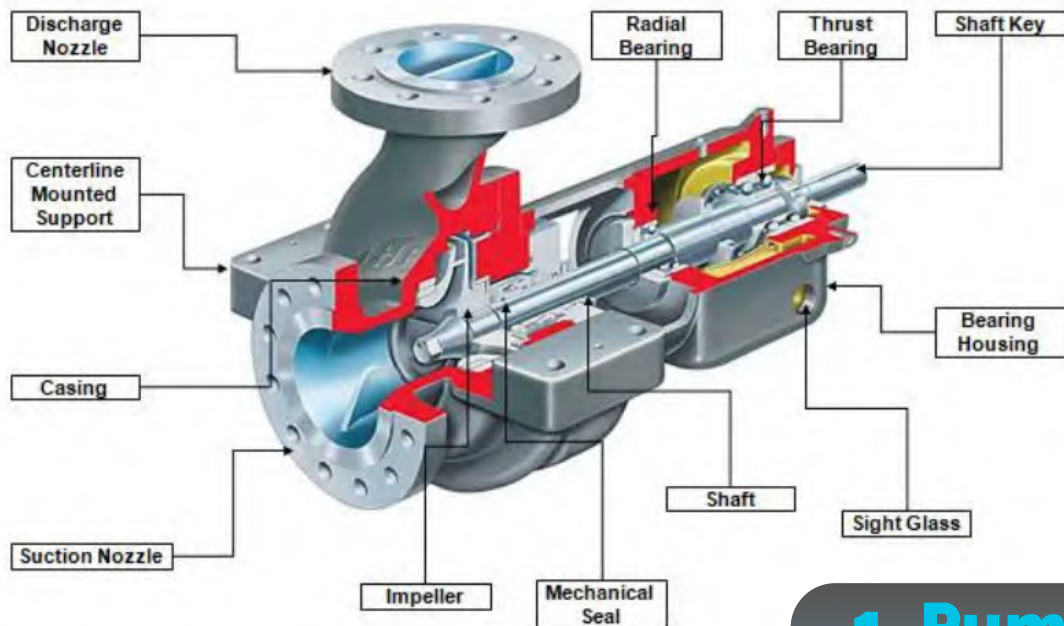


Mechanical Seal adalah

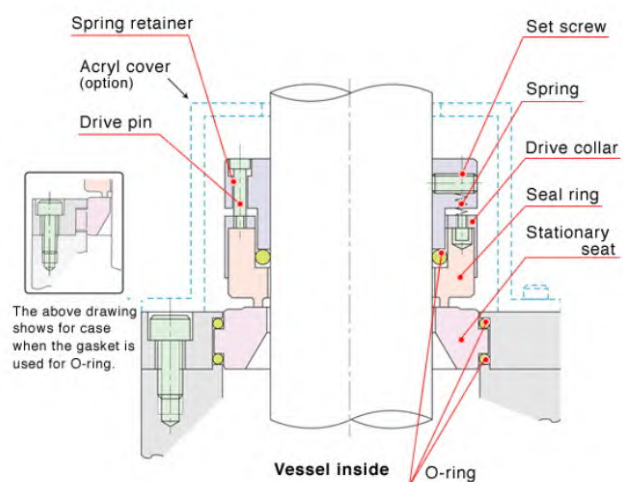
Sebuah alat pengeblok cairan/gas pada suatu *Rotating Equipment*, yang terdiri atas :

1. Dua buah sealface yang bisa aus, dimana salah satu diam dan salah satunya berputar membentuk titik pengeblokan primer (primary sealing).
2. Satu atau sekelompok o-ring/bellows/PTFE wedge yang merupakan titik pengeblokan sekunder (secondary sealing).
3. Alat pembeban mekanis untuk membuat sealface saling menekan.
4. Asesoris metal yang diperlukan untuk melengkapi rangkaian *Mechanical Seal*

Mechanical Seal Application



1. Pumps



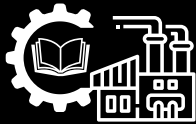
2. Agitator

Customer List

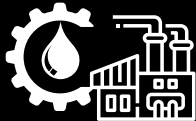
CV. Cakra Fluida



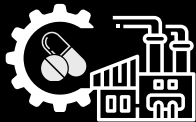
Line of Business



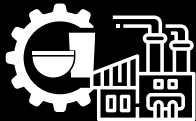
① Paper Plant



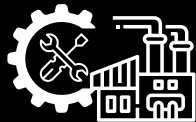
② Chemical Plant



③ Pharmaceutical Plant



④ Food & Beverage Plant



⑤ General Industries

PT SUPARMA Tbk

**PT sun paper
source**



PT. SOPANUSA
Tissue & Packaging SAMPANUS



Indofood CBP

JeBeKOKO

Aj
AJINOMOTO

Realfood

LNK
PT Lautan Natural Krimerindo



RUCIKA
Dimana air mengalir sampai jauh



Cartridge Mechanical Seal



Component / Basic Mechanical Seal



Other Parts

Mechanical Seal

Sleeve SiC



Mating Ring



Bellow

Mechanical Seal

Metal Bellow



Elastomer Bellow



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